



(agent server) and (load balancing)

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[PDF] NetSolve: A Network Server for Solving Computational Science Problems

H Casanova, J Dongarra - [View as HTML](#) - Cited by 338

... The **agent** also keeps track of the number of ... Therefore, if a computational **server** is poorly implemented ... section, these factors include **load balancing** and the ... The International Journal of Supercomputer Applications and ..., 1997 - [netlib.org](#) - [phase.hpcc.jp](#) - [portal.acm.org](#) - [portal.acm.org](#)

[PS] lbnamed: A Load Balancing Name Server in Perl

RJ Schemers - [View as HTML](#) - Cited by 24

... 5] was also published and describes a **load balancing** method using a special zone transfer **agent** that can ... new zone then gets loaded by the name **server**. ... Proceedings of LISA - [usenix.org](#) - [piglet.uccs.edu](#) - [koeln.convey.de](#) - [stanford.edu](#) - [all 8 versions »](#)

[PDF] A Trace-Driven Simulation Study of Dynamic Load Balancing

S Zhou, D Ferrari - Cited by 135

... algorithms that use a distinguished **agent** to collect ... to perform better than **server** initiative algorithms ... light loads, are generally improved by **load balancing**. ... IEEE Transactions on Software Engineering, 1988 - [doi.ieeecs.org](#) - [portal.acm.org](#) - [ieeexplore.ieee.org](#) - [portal.acm.org](#)

[PDF] Matchmaking and Brokering

K Decker, M Williamson, K Sycara - [View as HTML](#) - Cited by 71

... and each **agent** needs to be smart enough to construct a meta-query and evaluate the resulting alternative **server** choices. No easy **load balancing** is possible. ... International Conference on Multi-Agent Systems (ICMAS-96), 1996 - [cs.cmu.edu](#) - [www-2.cs.cmu.edu](#) - [almond.srv.cs.cmu.edu](#) - [www-2.cs.cmu.edu](#) - [all 5 versions »](#)

Adaptive load sharing in homogeneous distributed systems

DL Eager, ED Lazowska, J Zahorjan - Cited by 387

... approaches for mobile **agent load balancing**, Proceedings of ... of randomized **load balancing** schemes, Proceedings ... distributed client/**server** environments, Decision ... IEEE Transactions on Software Engineering, 1986 - [portal.acm.org](#) - [portal.acm.org](#)

[PDF] Intelligent adaptive information agents

K Decker, K Sycara, M Williamson - [View as HTML](#) - Cited by 86

... and requesting goal dissolution to **server** agents (see the ... can supply to each **agent** the appropriate ... such organizations provide efficient **load balancing** and the ... Journal of Intelligent Information Systems, 1997 - [cs.cmu.edu](#) - [www-2.cs.cmu.edu](#) - [agdec2.technion.ac.il](#) - [portal.acm.org](#) - [all 6 versions »](#)

[PDF] The Power of Two Choices in Randomized Load Balancing

M Mitzenmacher, A Sinclair - [View as HTML](#) - Cited by 84

... random and queues at the **server** currently containing ... a centralized system, where

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A Calculus of Mobile Agents - Fournet, Gonthier, Lévy, Maranget.. (1996) (Correct) (247 citations)

We take this example, which we dub the client-agentserver architecture (CASA) as our paradigm for how to express remote executions, dynamic loading of remote resources and protocols with mobile is remote procedure call with timeouts. Dynamic loading of remote applications is our second example. www.cis.upenn.edu/~bcpierce/courses/629/papers/Fournet-djoin-overview.ps.gz

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Java Operating Systems: Design and Implementation - Back, Tullmann, Stoller.. (1998) (Correct) (38 citations)

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Techniques for the Design of Java Operating Systems - Back, Tullmann, Stoller.. (2000) (Correct) (13 citations)

may run servlets from different sources and an agent server may run agents from across the Internet. In at the same time. For example, a user may load applets from different Web sites into a browser a system for several reasons. First, Java's use of loadtime bytecode verification removes the need for a www.cs.utah.edu/~stoller/pubs/javaos-usenix00.ps

Adaptive Scheduling for Master-Worker Applications on.. - Heymann, Senar.. (2000) (Correct) (12 citations)

available resources. NetSolve [2] is a client-agent-server system, which enables the user to solve requirements of the application and the predicted load and availability of the system resources at tasks, task reassume and dynamic redistribution of load. We carried out an additional set of experiments www.cs.wisc.edu/condor/doc/camera.ps

Transportable Agents Support Worldwide Applications (Extended .. - Kotz, Gray, Rus (1996) (Correct) (12 citations)

remote procedure call (ARPC) NCK96] allows server agents to register with a "name server" agent by such as the current state of networks, the load on the computer, and the location of other www.cs.dartmouth.edu/~rus/papers/agents/sigops96.ps.Z

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remote procedure call (ARPC) NCK96] allows server agents (i.e. those which wish to advertise a such as the current state of networks, the load on the computer, and the location of other ftp.cs.dartmouth.edu/pub/dfk/papers/kotz:agents.ps.Z

Network Management by Delegation - The MAD Approach - Goldszmidt, Yemini, Yemini (1991) (Correct) (11 citations)

micro-management. Consider a network management agent (server) that is responsible for monitoring a link in client manager processes, with server agents playing restrictive support roles. As a to network failures as even simple failures could load its bandwidth and cycles, bringing it down. Once www.cs.columbia.edu/~german/papers/cas91.ps

The Remote Processing Framework For Portable Computer Power.. - Alexey Rudenko (1999) (Correct)